

NUMBERS & ODDITIES  
a.k.a. the Spooks Newsletter  
edition #122, October 2007

---

Editor: Ary Boender (ary@luna.nl)

NUMBERS & ODDITIES website: <http://home.ary.luna.nl>

ONLINE DATABASE: Chris Smolinski (csmolinski@erols.com)  
<http://www.spynumbers.com/numbersDB/>

---

★ VOICE STATIONS ★

::: E03

This month's Lincolnshire Poacher idents, compiled by Alpha Vax.

October 2007 - phase 1:

UTC	Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC
1200	76398	76398	76398	76398	76398	76398	76398	1200
1300	16192	16192	16192	16192	16192	16192	16192	1300
1400	51003	02422	18747	86298	76398	03877	57170	1400
1500	57170	51003	02422	18747	86298	76398	52307	1500
1600	52307	57170	51003	02422	18747	86298	03877	1600
1700	03877	52307	57170	51003	02422	18747	76398	1700
1800	76398	03877	52307	57170	51003	02422	86298	1800
1900	86298	16192	03877	16192	57170	51003	16192	1900
2000	16192	76398	16192	52307	16192	57170	18747	2000
2100	18747	86298	76398	03877	52307	16192	02422	2100
2200	02422	18747	86298	76398	03877	52307	51003	2200

05102007 : 16192 --> 71723

08102007 : 18747 --> 29378

October 2007 - phase 2:

UTC	Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC
1200	51145	51145	51145	51145	51145	51145	51145	1200
1300	10630	10630	10630	10630	10630	10630	10630	1300
1400	01125	21913	22440	09639	51145	15694	63076	1400

Alpha also sent me a transcript of the LP transmission at 1400 UTC on 17-10. Read the numbers downwards.

66601	90406	02691	78959	21200	48384	46167	73190	50709	72959
39170	56110	30917	73554	13395	32782	44313	76887	51243	58845
91034	90021	30892	13722	72517	58972	25039	67950	38463	00160
04207	93717	00249	97463	70094	36652	34883	38842	69210	12189
20354	96936	12320	90348	04246	49346	33308	87305	74995	98964
05872	63885	80960	72118	69466	20457	40089	58242	58781	55478
42979	02638	05932	34933	30214	14633	22136	95528	43310	23213
13340	78827	85926	58309	84289	18812	53386	51902	66997	49367
91554	76129	78949	62285	35695	12473	29293	64742	34616	63509
07399	54025	38715	71681	88460	48929	03134	19326	55968	31531
31352	07323	64687	69895	45664	70458	79609	50033	95158	72623
35849	43974	79818	83018	91822	52686	89198	19685	63717	60146
42196	84865	34654	05600	58157	86396	07620	50871	36127	85493
75620	68406	59574	18897	96513	39180	56910	50950	28719	43774
49574	08045	70734	47547	47551	63387	25503	97959	25084	12792
32354	30021	37384	31608	07743	40897	31374	84429	97704	35656
07206	48402	87901	66590	09890	13346	47564	56010	88882	20999
88134	93191	15058	71657	77712	88968	79542	61284	65998	48895
60873	91134	23791	96145	56978	15927	83898	98317	78510	36347
89899	96313	88445	68061	46054	24787	28901	88863	59431	94143

::: E03a

UTC	Sun	Mon	Tue	Wed	Thu	Fri	UTC
2200	20040	45717	78275	03312	45717		2200
2300	45717	78275	03312	45717	18557		2300
0000		78275	03312	45717	18557	25718	0000

Phase 2:

The early morning transmissions at 0500 and 0600 UTC were not reported.

::: E06

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

Manolis heard the call on 27-10 at 0928 UTC: FDU  
0946 UTC: FDU K

```
0951 UTC: FDU
1015 UTC: FDU 8
```

"ABC" was on the air on 17-10 at 1730 UTC on 6428 kHz.

<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

::: E11

Transcript of E11 on 12397 kHz at 0840 kHz on 7-10. Submitted by Mike.

197/75

40231	10218	70650	63152	14613	29164	54596	59438	84339	60662
73387	12163	45624	15541	79216	63923	97898	57310	24739	11784
42960	07064	64888	52572	36300	09304	49630	88040	02142	31098
08087	79876	84908	11007	47667	08995	48571	93946	66944	03241
40190	94732	16083	38401	69127	84126	91863	87030	75459	82037
30718	56021	48941	39753	84548	91516	08592	55026	91453	46494
68588	66408	34653	83127	03574	67235	16976	93341	10793	07059
87440	59464	56633	25745	43942					

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>

::: E22

Indian station E22 has been active again in October. Thanks to Mike and JR for the logs.

Frequency	date	UTC	Call
-----	---	----	-----
17387	14-10	0830	LT4 (Lima Tango 4)
17387	14-10	1030	SG2 (Sierra Golf 2)
17387	14-10	1230	HR8 (Hotel Romeo 8)
17387	18-10	0900	MH8 (Mike Hotel 8)
17387	18-10	1000	WJ5 (Whiskey Juliet 5)
17387	18-10	1100	LT4 (Lima Tango 4)
17387	18-10	1200	NW3 (November Whisky 3)
15020/17387	18-10	1300	SG2 (Sierra Golf 2)
15020/17387	18-10	1400	HR8 (Hotel Romeo 8)

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

::: G11

6940 kHz, 0730 UTC, 3-10. Submitted by Mike

509/72

50635 43852 27955 98714 52215 47877 97243 34104 41220 12745

59647	71494	07895	34276	85571	82556	35042	77097	88931	59309
10183	32709	07966	07400	90225	55420	21182	68173	63777	79016
65295	80220	07545	28449	09900	95908	74277	03851	76311	70118
65867	69086	12150	56401	99788	23569	10726	46922	24200	05383
89031	88306	42221	10133	92342	67531	31166	06519	92847	43202
04655	46238	25122	29741	87215	26760	38286	17050	44217	95125
00000	00000								

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

::: S06

Trond submitted a nice recording of S06. The sample is on the N&O website.

S06 was on the air on 18-10 at 0710 UTC on 9180 kHz AM. After the transmission ended there was some noise best described as modulated hum. There were also several short periods in the "hum" that was best describes as a second carrier on the frequency, and suddenly a male computer voice came along with "53093 41580 41580 15" in English and then back to the "modulated hum". Probably a part of an E06 or E07 transcript.

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

::: V22

Sferix copied V22 on 8375 kHz at 1404 UTC on 08-10.

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

::: V24

V24 is a regular on 6215 kHz. Reported on 1500 and 1600 UTC by Tomonori.

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

::: V26

Sferix sent me the transcript of Chinese based numbers station V26. This is probably a Chinese military station and a sister station of M89 although this is not confirmed yet. Reasons to believe that this is a Chinese military station are: 1. It uses the same call-up procedure.

2. It always uses Chinese in the ending, indicating EOM.
3. There is always 4+4 (QPSK/75Bd) traffic on USB.
4. V26 message is always on LSB.
5. Both traffic is sent at the same time.

Frequencies: 8621, 13029, 16666 kHz LSB

Transcript of V26 on 8621 kHz LSB at 1545 UTC on 7-10.

V 4NA4 4NA4 4NA4 44 XSV XSV V 4NA4 4NA4 4NA4 44 XSV XSV  
V 4NA4 4NA4 4NA4 44 XSV XSV V 4NA4 4NA4 4NA4 44 XSV XSV  
V 4NA4 4NA4 4NA4 44 XSV XSV V 4NA4 4NA4 4NA4 44 XSV XSV

HR MFP 40 7R N044 V7

NR1177 60 51 1006 2156

965 605 608 007 951 601 016 965 605 700  
006 608 610 020 965 605 858 857 939 614  
243 615 218 616 935 617 050 625 250 626  
110 928 006 811 965 605 658 633 009 246  
011 635 422 637 636 614 264 615 210 748  
332 342 934 344 939 539 934 533 751 855

MFP APN NR 1177 60 51 1006 2156

965 605 608 007 951 601 016 965 605 700  
006 608 610 020 965 605 858 857 939 614  
243 615 218 616 935 617 050 625 250 626  
110 928 006 811 965 605 658 633 009 246  
011 635 422 637 636 614 264 615 210 748  
332 342 934 344 939 539 934 533 751 855

AHR MFP PA

NR 1176 65 51 1006 1637

965 965 605 608 007 951 601 016 965 965  
605 700 005 608 610 014 965 965 605 858  
857 939 614 246 615 222 616 930 617 055  
625 300 626 110 928 006 811 965 965 605  
812 830 633 009 246 011 635 415 637 636  
614 263 615 211 748 332 341 934 342 939  
539 934 533 751 855

MFP AZN

NR 1176 65 51 1006 1637

965 965 605 608 007 951 601 016 965 965  
605 700 005 608 610 014 965 965 605 858  
857 939 614 246 615 222 616 930 617 055  
625 300 626 110 928 006 811 965 965 605  
812 830 633 009 246 011 635 415 637 636

This station has no ENIGMA designator although it is a regular guest for years. Sferix sent me a very good recording of the Chinese Robot. You can find it on

the N&O sound page. The recording was made on 10 October at 1415 UTC on 8000 kHz.  
The text is printed below:

605548805760301142333  
6055489470251260301142339  
605548902760301142345  
6055489470247660301142350  
6055488480396760301142358  
605548806260301142403  
6055489470247860301142407  
6055415470229660301142414  
6055495470252960301142421  
605548808960301142432  
605548902460301142435  
605548805660301142443

J. Lohry also copied this station around 1000 UTC at 6959 kHz.

The station is nicknamed "the Chinese Robot" because it uses a weird sounding synthesized voice. This makes it different from the other Chinese stations. I received the first reports of this station back in 2002. So far it has been using these frequencies: 4480, 5700, 6840, 6860, 6960, 7090, 7770, 8000, 8025, 9290 and 9340 kHz.

---

\* MORSE STATIONS \*

::: MX

- Cluster beacons.

D - 4557.7, 5153.7, 7038.7, 8493.7, 10871.7, 13527.7, 16331.7  
P - 3593.8, 4557.8, 5153.8, 7038.8, 8494.8, 10871.8, 13527.8, 16331.8, 20047.8  
S - 4557.9, 5153.9, 7038.9, 8494.9, 10871.9, 13527.9, 16331.9, 20047.9  
C - 4558.0, 5154.0, 7039.0, 8495.0, 10872.0, 13528.0, 16332.0, 20048.0  
A - not reported  
F - 7039.2  
K - not reported  
M - not reported

- Channel markers.

P - 3291, 3327, 3699.5, 3837  
R - 4325.9, 5465.9  
V - 3658



<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

::: M21

```
5201 kHz.      Id: 0
4627, 7913.5 kHz. Id: ??
6121 kHz.      Id: 9
```

Samples:  
 =11959873589618  
 =219599t1131tt7  
 =99?t119?9?????  
 =11959873584710

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

::: M51 & FAV22/F9TM

The French civil and military training stations were noted on

6201	2224	6-10
5002.5	0219	5-10
7938	1436	5-10
11102	1235	9-10
5262	1702	11-10
5337	1529	12-10
4410	1813	12-10
4498.5	1813	12-10
5285	1703	14-10
4484	0834	15-10
3536	1730	15-10
4856	1051	26-10
4441	1835	22-10
4875	1835	22-10
8120	1933	22-10
4458.5	1919	29-10

M51 sample:

```

bt nr 83 o 09 12:37:29 1984 bt
tnctr anudh zavmb ewixo mgqm yqoge xdrif iolbw qjbkk cazfz
gdsr c etzuk pwixu uxdzm rkilw jemkn dqkbu cosha uijan izhln
qxytd yhvfv kyiot laxoz uvgli aepvy jjvj draqc wscie tcxwv
nrgaf lgntx orsbg pizfs qexwm eubpq wwwte ydnfl smafw pkvdo
rtlmk lmmuz ykviu awuvk jbmpu zrmfk aiprq bqt x qzclq smlel
nibvh oahjr dpcrh vckym mthdn nkway srxdt niroc otvwk coigo
znull kbyiy jlrya cbgqh yhhud yvbza ucjbk xkmxo uikay ojcw i
meeah jywgb tqyeb quqew ttisy szpum akaql yns lz kssog lbzga

```

kwpkq brnbv ofrju gxz??k vxynk csbne anklz aopfo zykrd kfctl  
nsqnk eyfts wniqc nrmdw aafii ytays ucsii yghgs isnqe ydraj

FAV22/F9TM samples:

CQF DE F9TM F9TM RESEAU NATIONAL FRANCAIS A 19:30 LOC QRG LIBRE APPRECIEE  
CQF CQF DE F9TM F9TM FRENCH NATIOAL NETWORK AT 19:30 LOC CLEAR FREQUENCY  
APPRECIATED BSR ET 73 A TOUS LES YL, OM ET SWL. L'OP EST : FRANCAIS LA  
QRG EST 3536.005 KHZ. LES STATIONS FRANCAISES NE FIGURANT PAS SUR LA LISTE  
SUIVANTE ET DESIRANT QRG PRECISE DOIVENT ATTENDRE LE CQF AVANT DE EE'ANNONCE  
R. VOICI LA LISTE D'APPEL.

VVV VVV VVV DE FAV22 FAV22 FAV22 QNH 3881/6825 KHZ

\_\_\_\_\_

15-10-2007 TIME 08:34:45

— — — — —

LECON 21-1/2 V EZEE CLAIRE WUS ERRIONS ENSEMBLE DANS LES RUES, TROITES DU  
VIEUX MONTPEI E D POURRAIS-JE L A07 I EN S ESTANT OBJETE IE EEL EIIUEF HEZ  
LUI N'ATTIRAIT L'AI IENTIOTE. CP DTAII L SA COQUETTERIE, DE PASSER E NAIE  
NUZE ES S IENUE, COMME EN SES GESTES. AR ECE E ?E16 OE W COD, BT GDA F WHQGF  
XVCHR LAHJD XJHDG QLAMO MAJKF YHDS WBSKA UJDHS LAPMD WJE XV DGRTS AUJDK  
56287 E AJH DU 78352 WBXVTN NAHDGS WBXLA PMQKU YHDKQ LAPOI BXNWJ THSUZ QHAGU  
JDKSI 67389 UJDHS YHLP A WJQKA MLGHD JQT E?H XVWOL YHSJE 63528 HNXJD SKZUA  
PMAW

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

::: M89

V MW3D MW3D MW3D de 2SLC 2SLC on 4440.0 kHz

V B7TZ B7TZ B7TZ de 8PNX 8PNX on 4928.0 kHz

V T3AP T3AP T3AP de QF3K QF3K on 3397.0, 5727.0 kHz

V CP17 CP17 CP17 de L9CC L9CC on 3550.0, 7051.3, 7056.7, 7057.7, 7058.7,  
7059.1, 7059.2, 7059.6, 7060.0, 7061.1,  
7061.5, 7061.6, 7061.9, 7062.4, 7063.3,  
7064.3, 7064.8, 7065.3, 7066.3, 7067.5,  
7070.0, 7070.5, 7073.2, 7076.6, 7076.7  
7078.4 kHz.

M89 variant: VVV Q2M Q2M Q2M de NYZ NYZ on 6840 kHz.

---

::: S28

<<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

On request a few words about the "Mazielka". The system was introduced in the early 1980's by the Soviet army. At first the system was only used on the military voice circuits and later also on CW and digital networks. In the late 1980's the diplomatic stations and intelligence agencies (KGB, SVR, Dept of State in Moscow, embassies, consulates, GRU, etc,) started to use the Mazielka and as far as I know they are currently the only users. The Mazielka has not been heard on military circuits since the early-1990's.

5072,	5082,	5230,	5232,	5270,	5780,	5781,	5838,	5850,	5932,	6496,
6804,	6808,	6850,	6851,	6855,	6868,	6870,	6874,	6884,	6892,	6912,
6915,	6942,	6950,	6959,	6962,	6970,	7516,	7524,	7526,	7527,	7529,
7680,	7682,	7691,	7734,	7819,	7820,	7822,	7910,	7916,	7939,	8027,
8063,	8081,	8082,	8083,	8085,	8086,	8091,	8105,	8107,	8123,	8124,
8131,	8132,	8170,	8175,	8180,	8182,	9061,	9072,	9076,	9102,	9105,
9123,	9147,	9168,	9171,	9172,	9197,	9200,	9218,	9235,	9240,	9300,
9301,	9303,	9450,	9923,	9930,	10127,	10165,	10193,	10205,	10240,	10275,
10372,	10653,	10712,	10731,	10815,	10816,	10860,	10862,	11022,	11093,	11095,
11114,	11411,	11424,	11438,	11450,	11462,	11464,	11483,	11525,	11545,	11608,
12066,	12090,	12091,	12100,	12109,	12110,	12115,	12117,	12134,	12149,	12150,
12157,	12158,	12168,	12174,	12177,	12178,	12195,	12195,	12200,	12201,	12207,
12210,	12213,	12215,	12218,	12219,	12224,	12225,	12500,	12782,	12862,	12872,
13000,	13200,	13393,	13395,	13401,	13419,	13423,	13425,	13493,	13505,	13506,
13517,	13518,	13525,	13800,	13842,	13854,	13862,	13872,	13925,	13940,	13987,
14000,	14392,	14419,	14420,	14446,	14488,	14547,	14560,	14563,	14570,	14590,
14650,	14720,	14765,	14781,	14815,	14817,	14825,	14845,	14863,	14871,	14970,
15289,	15828,	15836,	16025,	16028,	16115,	16116,	16117,	16119,	16165,	16221,
16223,	16225,	16227,	16320,	16332,	17421,	17432,	17463,	17511,	17512,	18245,
18321,	18349,	18920,	19145,	19213,	19611,	20347,	20436,	23458	kHz	

Popular frequencies to try: 12215, 12224, 13506 kHz.

The Mazielka (X06) has been heard on many occasions this month. Here is the list.

7680	2000	12-10	Mazielka. Sequence: 241563
9076	1601	11-10	Mazielka. Sequence: 215346
9450	0805	02-10	Mazielka. Sequence: 165423
10127	0804	22-10	Mazielka. Sequence: 421635
10653	0752	12-10	Mazielka. Sequence: 356412
11411	1700	13-10	Mazielka. Sequence: 164532
12177	1005	18-10	Mazielka. Sequence: 356412
12207	1437	10-10	Mazielka. Sequence: 215346
12224	0804	10-10	Mazielka. Sequence: 463125
12224	1619	11-10	Mazielka. Sequence: 463125
13401	0840	16-10	Mazielka. Sequence: 154263
13419	0800	24-10	Mazielka. Sequence: 465132
13506	2102	10-10	Mazielka. Sequence: 215346
13517	1512	23-10	Mazielka. Sequence: 463125
14650	1420	10-10	Mazielka. Sequence: 215346
14845	0807	17-10	Mazielka. Sequence: 641523
14871	1608	11-10	Mazielka. Sequence: 156234
15828	1350	22-10	Mazielka. Sequence: 256134
15828	1606	11-10	Mazielka. Sequence: 256134
16320	0745	19-10	Mazielka. Sequence: 241563
17463	1405	22-10	Mazielka. Sequence: 256134
17511	0745	17-10	Mazielka. Sequence: 641523
19611	1008	22-10	Mazielka. Sequence: 256134
19611	1355	22-10	Mazielka. Sequence: 256134

Digital modes (M42) heard in October:

4022	1910	10-10	Unid embassy "UFO". Mode: RTTY ITA2/75/500/N "RYRYRY UFO UFO UFO 2/280 UFO UFO UFO 2/280 UFO UFO UFO 2/280 11100 00701 00000 10079 01509 ... (5FGs)" 914 11100 00101 00000 10080 01309 ... (5FGs) ... 69367 66068 QRU QRU SK SK 3994"
6872	1531	12-10	Dep. of State Comms, Moscow. Mode: RTTY 75/500. Message beginning with "11100"
7629	1708	11-10	Dept. of State Comms, Moscow. Mode: CW. Msg on link 00104 to RPY on 8144 kHz sending fast 5FGs then hand sent = = 11100 00104 00000 11078 01003 = = NZBBV FWSIS ZGSSA EZQUL ...
8144	1701	11-10	Unid embassy "RPY". Mode: CW. Wkg Dept. of State Comms, Moscow on 7629 kHz on link 00104 "RPY QSY 7629 (repeating). QSA4 QSA? K. QRQ 24 K. K." Exchanging 5LG traffic with 7629 kHz.
10443	1250	20-10	Russian intel. Mode: BAUDOT 200.32Bd/500Hz Auto broadcasting null msg
11084.5	1930	26-10	Dep. of State Comms. Mode: CROWD36
11120.5	1619	22-10	Dep. of State Comms, Moscow. Mode: CROWD36.

Traffic "11177 ..." etc.			
12177	1010	18-10	Dep. of State Comms. Mode: CROWD36.
13857.5	0809	05-10	Dep. of State Comms. Mode: CROWD36
14909	1130	21-10	Dep. of State Comms, Moscow. Mode: 32-tone MFSK + 25-tone OFDM. Traffic to unlocated Russian embassy on link 00189. Offline crypto lacking 5LG spacing.
14453.5	0822	25-10	Dep. of State Comms. Mode: CROWD36
18210.5	0837	09-10	Dep. of State Comms. Mode: CROWD36
18238.5	1017	24-10	Dep. of State Comms. Mode: CROWD36

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

```
::: SK01 (PSK31, RFDT)
```

Freq.	date	UTC	mode	remarks
17478	2-10	1600	PSK31	
17436	3-10	1600	PSK31	bursts every 15 minutes, ie 1615, 1630, 1645
17478	3-10	1700	PSK31	bursts every 15 minutes, ie 1715, 1730, 1745
17436	4-10	1600	PSK31	bursts every 15 minutes, ie 1615, 1630, 1645
17478	4-10	1700	PSK31	bursts every 15 minutes, ie 1715, 1730, 1745
5800	9-10	0615	RDFT	file 090115.txt
5800	9-10	0630	RDFT	file 090130.txt
5800	9-10	0645	RDFT	file 090145.txt
8097	18-10	1808	RDFT	file 181100.txt
8097	18-10	1810	RDFT	file 181100.txt
8097	18-10	1815	RDFT	Starting at about 1815 UTC there were several attempts to use DRM to send file 171115.txt
9040	20-10	0902	PSK220FEC	file 47721.txt
9040	20-10	1001	PSK220FEC	file 76591.txt

Note:

In the very early attempts Cuba made at using RDFT there waterfall display at our receiving end displayed the text "DIGTRX 3.11". Showing that Cuba was using that software to send their digital signals with.

090115.txt

[illegible]

090130.txt

[illegible]



171115.txt

181100.txt

1186575865758657586575865758657586  
575865758657586575  
3099504806390448266586739923609857142776752805473670357826649750939083037172218977  
962003006088653854





[illegible]

[illegible]

::: RUSSIAN, CIS, UKRAINIAN MILITARY SSB & CW STATIONS (including M32)

18.1 Russian high command, Krasnoarmeyskaya radio centre, Russia  
"rdl rdl rdl 82852 75872 82852 75872 82852 75872 k"  
"xxx xxx rks rks 37332 wolo(ch)ek 3343 9719 k"  
"rdl rdl rdl 68497 49818 68497 49818 68497 49818 k"

3206 Ukrainian Mil: CQTC message to collective BZAW "QTC 160 80 12 0100 160 =  
72727 30243 73363 ... 91592 12079 K R?K"

3327 RMP: Russian Navy Kaliningrad

3792 RFH61: Poss Russian Navy Warship wkg RMP "RMP de RFH61 ZNN R K"

4007 RVC: Russian Navy wkg RIC87

4074 Russian Naval Air Transport. RDG90 wkg RJC48.

4079 Russian Navy: RMP wkg RJH41 "... QWH 3373" & "QTC 253 102 17 0327 = SML = 11111 70669 ..."

5456 RMRV: Russian Warship Opchat with RMP-HQ Baltic Fleet, Kaliningrad.

6948 RIT: Russian Navy. Msg to RLO "QTC 953 34 22 0057 953 = RADIO PROGNOZ 22107 03003 30000 00001 00006 30080 ... ar"

6978 Russian Air Force: REA4.

7054 Russian Air Force: REA4.

7122 Russian Mil. "RDL RDL RDL" + 5FGs

7664 Russian Navy. "RKZ de RIW" new //QRG replaces 14556 kHz

8037 CIS Mil: LRE1

8345 Russian Warship wkg Kaliningrad: "RMP de RMXV QYT4 QSX 13044/13044 K"

9145 RIW: Russian Navy Moscow.  
 "rie83 de riw k riw as3 k bk bk rie83 de riw qyt4 qwh 7373aaa5 nok  
 rie83 de riw qyt4 sk k"  
 "ral59 ral59 ral59 de riw riw qsk iiii ral 59 ral59 ral59 de riw  
 de riw qsa2/3 qrv k"  
 "RMEG de RIW QSA? K"

10155 Russian Mil. "UUU RDL 82190 02350 K" and "UUU RDL 70409 84748"

11000 RIW: Russian Navy Moscow.  
 "xxx xxx gussakit 43055 73322 ... k"  
 "xxx xxx gussakit 46545 73322 ... k"  
 "xxx xxx gussakit 12771 73322 ... k"  
 "xxx xxx gussakit 13403 73322 ... k"  
 "RKZ de RIW QTC 444, 816 ...." 5FGs series of drill msgs

11082 RMP: Russian Navy Kaliningrad

11155 RIT: Russian Navy Northern Fleet HQ  
 "RKZ de RIT QTC 572, 305, 973, 779, etc...." 5FGs  
 "ral59 de rit qsa2 qrv k"  
 "rho62 de rit qsa1 qrv k"

"xxx xkx iiii xxx xxx rlo rlo 07121 ryba 5455 0216 k"

"rkz rkz rkz de rit rit qtc 455 31 4 1205 455 =

aaaaa

mityw wapro omitm olgrm ydlot wiita  
bomom tsttw bnytw ipxmw aiqtr qewai  
miywt tlfty aptxt yitim oampi lodli  
vdl`g toawm ohmto riawt moqwa tmawt  
maoap mityw wapro mityw wapro kgkww  
ar

rkz rkz rkz de rit rit qtc 396 31 4 1105 396 =

aaaaa

`ulwx `myvu dwart oc`by cgyol rwlde  
yorao cerw` zjtwp wywjz wowoy qaxat  
mlpyw twrpf awpfs ylwom wpcfv rwoyo  
owpso qwory qugb. ,lwrw mwalo ydlwr  
wtisy `ulwx `myvu `ulwx `myvu kgkww  
ar"

14014 Russian Mil. LQ9R, 7SWX, 6VYM, 7SWX, 2KLJ, VD1Q, A1KD, 3P7E, VZ1R, 6VJ1, WEGI, ZTDO, 5NWC, WQDZ, LHYS, NC5L, KPJW. Radio checks and messages.

"XXX WEGI 58528 ZUGDIOEC 6533 9042"

14092 Russian Mil: WEGI, RGT77

"xxx WEGI 33424 dregster 2037 8494"

"xxx WEGI 46601 benzoksi 6144 2809"

"xxx RGT77 kfdp 80814 prestonica 8267751"

14104 Russian Mil: 7SWX, VD1Q, A1AK, 3P7E. Radio checks and messages.

14411 RDL: Russian Forces Strategic Bcast "RDL RDL RDL = 11..1 51678 39755 ... 91720 99835 31040 K"

14556 RIW: Russian Navy, Moscow "RMEG de RIW QSA? K"

---

::: PIRATE BEACONS

News about US based stations:

- The VA beacon frequency has changed from 4096 to 4193.6 kHz.
- CO at 14000 kHz is off the air for a while. CO 8189.7 is back on the air 24/7
- Another Colorado based pirate beacon, callsign "PA", can be heard on 4001 kHz.

Power 100Mw, antenna end fed wire up 30 feet. It will be on from sun down to sun up.

- Another new beacon "K" was reported on 29-10 on 7382.3 kHz. Power: 100MW
- Halloween beacon "B000" could be heard on 3449.6 kHz
- A brand new dasher beacon on 10247.5 kHz with 50-90mw into a dipole sitting on top of the earth.

Thanks for the info, Bill.

<<<<<<<<<-0-0-0-0-0-0-0-0-0-0->>>>>>>>>>

::: UNID Morse stations

Two unid morse stations were active on 6998.5 kHz on 1-10 / 1420 UTC, 4-10 / 1500 UTC and 28-10 / 1700 UTC. Transmissions may be quite long; badly keyed; no operational procedures ever heard. A second station acknowledges on 6998.5 and then both go silent after sk. These stations are sporadically busy since 2005. Looking at the messages, I think that they are from Eastern Europe. Ideas anyone?

Samples:

= nesti = nepod = do = aa = nemed = gotow = prikaz = pska  
= chchch .... = ZSL sk  
= dd = gbunt = kurs = chuh = skor = ..... = ZNL? k sk

Several words are Russian, but they may be the same in other Slavic languages:

```
nesti    = carry
gotow    = ready
prizkaz  = order
kurs     = course
```

\* LOGS SECTION \*

2515	E10	AM 8-10-2007	2340 (BCI)
		PCD2	
3291	MX	CW 27-10-2007	1739 (AB)
		Channel marker	"P"
3327	MX	CW 28-10-2007	1722 (AB)
		Channel marker	"P"
3397	M89	CW 22-10-2007	1828 (MPJ)
		Chinese Military "V T3AP de QF3K ..."	// 5727
3593.8	MX	CW 8-10-2007	2155 (AB)

		Cluster beacon "P"
3658	MX	CW 11-10-2007 2150 (AB)
		Channel marker "V"
3658	MX	CW 21-10-2007 1933 (AB)
		Channel marker "V"
3699.5	MX	CW 27-10-2007 1739 (AB)
		Channel marker "P"
3756	S32	CW 8-10-2007 1954 (AB)
		Pip
3837	MX	CW 16-10-2007 2029 (AB)
		Channel marker "P"
3837	MX	CW 27-10-2007 1739 (AB)
		Channel marker "P"
4022	M42	RTTY ITA2/75/500/N 10-10-2007 1910 (ALF)
		"UFO 2/280" 2 msgs after "11100 00701 00000 10079
		01509" & "11100 00101 00000 10080 01309" "QRU QRU SK
		SK 3994"
4174	V02a	AM 29-10-2007 Mon 0300 (RCh)
		in progress
4325.9	MX	CW 10-10-2007 2058 (AB)
		Channel marker "R"
4331	M22	CW 7-10-2007 0413 (AB)
		4XZ - Israeli Navy Haifa. VVV marker + msgs
4410	M51	CW 12-10-2007 1813 (MPJ)
		French Army "NR 16 0 0920:16:43 1984 BT POFDX WTANG
		..."
4440	M89	CW 8-10-2007 1440 (TI)
		mw3d mw3d mw3d de 2slc 2slc v
4441	M51	CW 22-10-2007 1835 (MPJ)
		FAV22 "BT NR 66 0 2220:38:43 1984 BT FFZLQ EAUJP ..." // 4875
4458.5	M51	CW 29-10-2007 1919 (MPJ)
		French Army, "NR 01 0 29 20:16:25 1984 = HNKWU BAUFD
		..."
4484	M51	CW 15-10-2007 0910 (BCI)
		BT NR 23 0 15 10:23:56 1984 BT OSBYF WXBBK FNQQD
		TJRNE ...
4498.5	M51	CW 12-10-2007 1813 (MPJ)
		French Army "NR 16 0 0920:16:43 1984 BT POFDX WTANG
		..."
4557.7	MX	CW 8-10-2007 2002 (AB)
		Cluster beacon "D"
4557.8	MX	CW 8-10-2007 1839 (AB)
		Cluster beacon "P"
4557.9	MX	CW 8-10-2007 2002 (AB)
		Cluster beacon "S"
4558	MX	CW 8-10-2007 2002 (AB)
		Cluster beacon "C"

4570	E06	AM 25-10-2007 2200 (MUK) 982 536 98
4625	S28	AM 7-10-2007 0337 (AB) Buzzer
4625	S28	AM 7-10-2007 1557 (TI)
4625	S28	AM 8-10-2007 1855 (AB) Buzzer
4627	M21	CW 7-10-2007 1602 (TI) PVO
4856	M51	CW 26-10-2007 1051 (SW2) Fort Val/'rian = nr 55 o 26 12:51:11 1984 = lgqoz kduxo pxzxs .
4856	M51	CW 26-10-2007 1057 (SW2) Fort Val/'rian = nr 56 o 26 12:57:26 1984 = uqvol ociig gvpoo .
4856	M51	CW 26-10-2007 1103 (SW2) Fort Val/'rian = nr 57 o 26 13:03:35 1984 = ztswl jzvxi jqdiu .
4856	M51	CW 26-10-2007 1109 (SW2) Fort Val/'rian = nr 58 o 26 13:09:55 1984 = qrarl iyvse rmnsz .
4856	M51	CW 26-10-2007 1116 (SW2) Fort Val/'rian = nr 59 o 26 13:16:09 1984 = owoqu bqsba mdjxs .
4875	M51	CW 22-10-2007 1835 (MPJ) FAV22 "BT NR 66 0 2220:38:43 1984 BT FFZLQ EAUJP ..." // 4441
4928	M89	CW 8-10-2007 1444 (TI) b7tz b7tz b7tz de 8pnx 8pnx v
4955	M01	CW 9-10-2007 Tue 1800 (FN) 463 418 32
4955	M01	CW 9-10-2007 Tue 1800 (FN) 463 418 32
5002.5	M51	CW 5-10-2007 0219 (Jon-FL) French MIL, CW training
5149	E11	USB 9-10-2007 Tue 2050 (HFD) 338/10=98868 38830
5153.7	MX	CW 8-10-2007 1839 (AB) Cluster beacon "D"
5153.7	MX	CW 25-10-2007 2028 (MUK) Beacon "D"
5153.8	MX	CW 8-10-2007 1839 (AB) Cluster beacon "P"
5153.8	MX	CW 22-10-2007 0735 (AB) Cluster beacon "P"
5153.9	MX	CW 8-10-2007 1839 (AB) Cluster beacon "S"
5154	MX	CW 8-10-2007 1839 (AB) Cluster beacon "C"



5154	MX	CW 25-10-2007 2027 (MUK) Beacon "C"
5178	XPA	AM 2-10-2007 Tue 2040 (HFD) msg
5201	M21	CW 8-10-2007 1752 (AB) PVO marker =992152?0??????
5201	M21	CW 21-10-2007 2016 (MPJ) Russian Air Defence =990017??0????? =990018??0????? etc.
5201	M21	CW 28-10-2007 1747 (AB) PVO marker
5230	E06	AM 25-10-2007 2100 (MUK) 982 536 98
5230	E06	AM 25-10-2007 Thu 2100 (HFD) 982-356/98=83163
5253	E07	AM 10-10-2007 Wed 2040 (HFD) only carrier
5285	M51	CW 14-10-2007 1703 (MPJ) FAV22: "NR 51 0 0919:02:55 1984 BT"
5337	M51	CW 12-10-2007 1529 (MPJ) French Army "Nr 80 0 0917:34:35 1984 BT YTSUQ IIMVT ..."
5338	M01b	CW 22-10-2007 2010 (AB) 298 298 298 754 754 33 33 5FGs = = 754 754 33 33 000
5410	M14	CW 5-10-2007 Fri 1905 (FMB) 128 (R) 850 850 22 22 (!) == 76... 70035.....== 967 967 50 50(!) ttttt
5422	E03	USB 28-10-2007 2200 (AB) LP id 01125
5435	E06	AM 9-10-2007 Tue 2100 (HFD) 296, E10 w/ "ART2" on same frequency
5435	E06	AM 10-10-2007 2100 (AB) 296 296 296 187 187 36 36 5FGs 187 187 36 36 00000
5435	E10	AM 25-10-2007 2031 (MUK) ART2
5440	E06	AM 7-10-2007 Sun 1930 (HFD) 690:0
5442	G06	AM 7-10-2007 Tue 1930 (HFD) 947-16321=76930
5450	V24	AM 7-10-2007 1500 (TI)
5450	V24	AM 8-10-2007 1500 (TI)
5464	M14	CW 10-10-2007 Wed 1920 (HFD) 537-821/25=02882
5465.9	MX	CW 10-10-2007 2058 (AB) Channel marker "R"
5727	M89	CW 22-10-2007 1828 (MPJ) Chinese Military "V T3AP de QF3K ..." // 3397
5746	E03	USB 11-10-2007 2105 (AB) Lincolnshire Poacher. Id 03877

5762	V02a	AM 3-10-2007 Wed 1500 (Red) weak to unreadable
5764	E03	USB 28-10-2007 2100 (AB) LP id 21913
5800	SK01	RDFT 9-10-2007 0615 (Jon-FL) file 090115.txt
5800	SK01	RDFT 9-10-2007 0615 (N2UHC) file 090115.txt
5800	SK01	RDFT 9-10-2007 0630 (N2UHC) file 090130.txt
5800	SK01	RDFT 9-10-2007 0630 (Jon-FL) file 090130.txt
5800	SK01	RDFT 9-10-2007 0645 (Jon-FL) file 090145.txt
5800	SK01	RDFT 9-10-2007 0645 (N2UHC) file 090145.txt
5800	V02a	AM 18-10-2007 Thu 0636 (LVA) in progress
5810	M01B	CW 12-10-2007 Fri 1515 (HFD) 158-371/31=16939
5883	V02a	AM 18-10-2007 Thu 0700 (LVA) spanish female
5898	M08a	MCW 1-10-2007 Mon 0005 (FAN) started at 6 minutes after the hour
5898	V02a	AM 1-10-2007 Mon 0008 (FAN)
5924	XPA	AM 2-10-2007 Tue 2020 (HFD) msg
5942	M12	CW 3-10-2007 Wed 1940 (FN) 159 1 204 135
6121	M21	CW 30-10-2007 2220 (TJ) PV0 =11959873589618 =219599t1131tt7 = 99?t119?9?????
6201	M51	CW 6-10-2007 2234 (Jon-FL) French MIL, CW training
6210	E10	AM 6-10-2007 1155 (MrDXer) FDU4
6210	E10	AM 27-10-2007 0946 (MG) FDUK
6210	E10	AM 27-10-2007 0951 (MG) FDU
6210	E10	AM 27-10-2007 1015 (MG) FDU8
6215	V24	AM 10-10-2007 1500 (TI)
6215	V24	AM 11-10-2007 1600 (TI)
6215	V24	AM 27-10-2007 1605 (TI) in progress
6250	XSL	FSK 4-10-2007 0022 (TI) in progress

6370	M22	CW 7-10-2007 1556 (TI) vvv de 4xz 4xz bt bt
6379	M22	CW 13-10-2007 2248 (WP3) 4XZ - Israeli Navy Haifa. vvv de 4xz 4xz
6428	E10	AM 17-10-2007 1732 (AVX) ABC
6433	E11	USB 18-10-2007 Thu 1100 (FN) 742/72 34505
6464	S06	AM 2-10-2007 Tue 1500 (HFD) 537-984/6=21767
6464	S06	AM 2-10-2007 Tue 1500 (FN) 537 ....
6464	S06	AM 2-10-2007 Tue 1500 (FN) 537 ....
6485	E03	USB 28-10-2007 2200 (AB) LP id 01125
6524	E11	USB 2-10-2007 Tue 1200 (HFD) 742/72=34505 50346
6694	XM	USB 28-10-2007 1715 (AB) Whales
6768	M08a	USB 29-10-2007 Mon 0400 (RCh)
6838	M12	CW 2-10-2007 Fri 1600 1 (FN) 638 000
6838	M12	CW 12-10-2007 Fri 1600 (FN) 638 000
6840	M89	CW 18-10-2007 1520 (WP3) vvv q2m q2m q2m de nyz nyz vvv q2m q2m q2m de nyz nyz
6842	M12	CW 5-10-2007 Fri 1602 (FMB) 638(x3) ttt
6842	XPA	AM 2-10-2007 Tue 2000 (HFD) msg
6855	V02a	AM 1-10-2007 Mon 0003 (FAN) Very faint
6855	V02a	AM 1-10-2007 Mon 0021 (FAN)
6865	G06	AM 1-10-2007 Mon 1900 (HFD) 308:0
6865	G06	AM 1-10-2007 Mon 1900 (FN) 308 00000
6870	S06	AM 22-10-2007 Mon 2015 (HFD) 427:0
6872	M42	RTTY 75/500 12-10-2007 1531 (BCI) Dep. of State Comms, Moscow. Message beginning with "11100"
6877	M03	CW 1-10-2007 0630 (AB) 978/121
6877	M03	CW 10-10-2007 0530 (RiN) 978/121 21679 00044 73246 etc
6877	M03d	CW 3-10-2007 Wed 0530 (FN)

6877	M03d	978/121 == 21679 00044 CW 3-10-2007 Wed 0530 (FN) 978/121 == 21679 00044
6900	E03	USB 27-10-2007 2039 (AB) LP in progress
6904	M12	CW 1-10-2007 Mon 1840 (FN) 257 1 8613 123
6904	M12	CW 4-10-2007 Sun 1840 1 (FN) 257 1 2836 125
6904	M12	CW 4-10-2007 Sun 1940 1 (FN) 257 1 5179 63
6904	M12	CW 8-10-2007 Mon 1840 (FN) 257 1 5431 101
6904	M12	CW 8-10-2007 Mon 1840 (FN) 257 1 5431 101
6904	M12	CW 9-10-2007 Tue 2040 (FN) 257 1 6550 60
6904	M12	CW 10-10-2007 1740 (RiN) "257" 1 2465 123 14291 etc
6904	M12	CW 14-10-2007 Sun 1840 (FN) 257 1 2836 125
6904	M12	CW 14-10-2007 Sun 1940 (FN) 257 1 5179 63
6904	M12	CW 21-10-2007 Sun 1840 (FN) 257 1 3017 120
6904	M12	CW 21-10-2007 Sun 1940 (FN) 257 1 9060 53
6904	M12	CW 22-10-2007 Mon 1840 (FN) 257 1 1981 110
6904	M12	CW 24-10-2007 Wed 1740 (FN) 257 1 2983 101
6920	E06	AM 9-10-2007 Tue 2000 (HFD) 296-187/##=40188
6940	G06	AM 17-10-2007 0730 (MUK) 509/72
6940	G11	USB 3-10-2007 Wed 0730 (HFD) 509/72=50635 43852 2="Zvau"
6940	G11	USB 3-10-2007 0730 (MUK) 509/72
6940	G11	USB 3-10-2007 Wed 0840 (FN) 509/72 Achtung 50635 43852...
6940	G11	USB 10-10-2007 0730 (RiN) 509/72 50635 43852 27955 etc
6940	G11	USB 10-10-2007 0731 (MUK) 509/72
6940	G11	USB 24-10-2007 Wed 0730 (FN) 508/00
6959	E03	USB 11-10-2007 2105 (AB)

		Lincolnshire Poacher. Id 03877
6959	E03	USB 27-10-2007 2100 (AB) LP id 91978
6959	E03	USB 28-10-2007 1900 (AB) LP. Very weak
6959	E03	USB 28-10-2007 2100 (AB) LP id 21913
6968	E07	AM 10-10-2007 Wed 2020 (HFD) only carrier
6968	E07	AM 15-10-2007 Mon 2020 (HFD) 892:0
6980	E06	AM 7-10-2007 Sun 1830 (HFD) 690:0
6980	E06	AM 14-10-2007 Sun 1830 (HFD) 690:857/133=88835
7038.7	MX	CW 8-10-2007 1839 (AB) Cluster beacon "D"
7038.8	MX	CW 8-10-2007 1839 (AB) Cluster beacon "P"
7038.9	MX	CW 8-10-2007 1839 (AB) Cluster beacon "S"
7039	MX	CW 8-10-2007 1839 (AB) Cluster beacon "C"
7039.2	MX	CW 9-10-2007 1201 (AB) Cluster beacon "F"
7051.3	M89	CW 13-9-2007 1615 (IARUMS) V CP17 CP17 CP17 de L9CC L9CC
7056.7	M89	CW 14-9-2007 2217 (IARUMS) V CP17 CP17 CP17 de L9CC L9CC
7057.7	M89	CW 22-9-2007 2140 (IARUMS) V CP17 CP17 CP17 de L9CC L9CC
7058.7	M89	CW 19-9-2007 2121 (IARUMS) V CP17 CP17 CP17 de L9CC L9CC
7059.1	M89	CW 15-9-2007 2209 (IARUMS) V CP17 CP17 CP17 de L9CC L9CC
7059.2	M89	CW 7-9-2007 1635 (IARUMS) V CP17 CP17 CP17 de L9CC L9CC
7059.2	M89	CW 8-9-2007 2112 (IARUMS) V CP17 CP17 CP17 de L9CC L9CC
7059.6	M89	CW 8-9-2007 1528 (IARUMS) V CP17 CP17 CP17 de L9CC L9CC
7060	M89	CW 27-9-2007 2216 (IARUMS) V CP17 CP17 CP17 de L9CC L9CC
7061.1	M89	CW 6-9-2007 1652 (IARUMS) V CP17 CP17 CP17 de L9CC L9CC
7061.5	M89	CW 2-9-2007 1947 (IARUMS) V CP17 CP17 CP17 de L9CC L9CC
7061.6	M89	CW 2-9-2007 1934 (IARUMS)

7061.9	M89	V CP17 CP17 CP17 de L9CC L9CC CW 27-9-2007 1953 (IARUMS)
7061.9	M89	V CP17 CP17 CP17 de L9CC L9CC CW 29-9-2007 2228 (IARUMS)
7062.4	M89	V CP17 CP17 CP17 de L9CC L9CC CW 4-9-2007 2053 (IARUMS)
7064.3	M89	V CP17 CP17 CP17 de L9CC L9CC CW 9-9-2007 1930 (IARUMS)
7064.3	M89	V CP17 CP17 CP17 de L9CC L9CC CW 21-9-2007 2007 (IARUMS)
7064.8	M89	V CP17 CP17 CP17 de L9CC L9CC CW 28-9-2007 2148 (IARUMS)
7066.3	M89	V CP17 CP17 CP17 de L9CC L9CC CW 16-9-2007 1930 (IARUMS)
7067.5	M89	V CP17 CP17 CP17 de L9CC L9CC CW 4-9-2007 2205 (IARUMS)
7070.5	M89	V CP17 CP17 CP17 de L9CC L9CC CW 24-9-2007 1930 (IARUMS)
7070.5	M89	V CP17 CP17 CP17 de L9CC L9CC CW 24-9-2007 2058 (IARUMS)
7076.6	M89	V CP17 CP17 CP17 de L9CC L9CC CW 10-9-2007 2045 (IARUMS)
7076.7	M89	V CP17 CP17 CP17 de L9CC L9CC CW 1-9-2007 2023 (IARUMS)
7078.4	M89	V CP17 CP17 CP17 de L9CC L9CC CW 5-9-2007 1921 (IARUMS)
7078.4	M89	V CP17 CP17 CP17 de L9CC L9CC CW 5-9-2007 2129 (IARUMS)
7245	S06	V CP17 CP17 CP17 de L9CC L9CC AM 2-10-2007 Tue 1510 (HFD) 537, BC QRM
7335	S06	AM 10-10-2007 0730 (RiN) "745" 230 6 45224 09248 74341 46122 12563 43541
7337	E03	USB 28-10-2007 1821 (AB) LP in progress
7371	M12	CW 4-10-2007 Thu 1600 (FN) 374 1 7631 100
7371	M12	CW 4-10-2007 Thu 1600 (FN) 374 1 7631 100
7371	M12	CW 9-10-2007 Tue 1700 (FN) 374 1 4324 67
7371	M12	CW 9-10-2007 Tue 1700 (FN) 374 1 4324 67
7377	S11b	USB 10-10-2007 0900 (RiN) 218/30 77777 77777 52377 25691 etc
7385	S06	AM 4-10-2007 Thu 1240 (HFD) 314, BC QRM
7407	M03	CW 10-10-2007 0645 (RiN)

		978/121 21679 00044 73246 etc
7407	M03d	CW 3-10-2007 Wed 0645 (FN) 978/121 == 21679 00044
7407	M03d	CW 3-10-2007 Wed 0645 (FN) 978/121 == 21679 00044
7428	M14	CW 5-10-2007 Fri 1707 (FMB) (i.p)== 967 967 50 50 ttttt
7542	M12	CW 3-10-2007 Wed 1920 (FN) 159 1 204 135
7620	S06	AM 3-10-2007 Wed 1230 (HFD) 967 weak, 8105 at 1240 not heard
7620	S06	AM 10-10-2007 1230 (RiN) "967" 821 5 51159 25205 39752 42656 42048
7629	M42	CW 11-10-2007 1708 (MPJ) DOSC. Link 00104 wkg RPY on 8144 kHz sending fast 5FGs then handsent = = 11100 00104 00000 11078 01003 = = NZBBV FWSIS ZGSSA EZQUL ...
7632	M12	CW 4-10-2007 Sun 1940 1 (FN) 368 000
7632	M12	CW 14-10-2007 Sun 2000 (FN) 368 000
7632	M12	CW 24-10-2007 Wed 2000 (FN) 368 1 356 229
7663	M03	CW 3-10-2007 Wed 1445 (FN) 278/38 == 44248 88725..
7663	M03	CW 3-10-2007 Wed 1445 (FN) 278/38 == 44248 88725..
7663	M03	CW 3-10-2007 Wed 1445 (HFD) 278/38=44248 88725
7663	M03	CW 8-10-2007 Mon 1445 (FN) 271/00
7663	M03	CW 8-10-2007 Mon 1445 (FN) 271/00
7663	M03	CW 22-10-2007 Mon 1445 (FN) 271/00
7680	X06	AM 12-10-2007 2000 (RiN) Mazielka. Sequence: 241563
7798	E11	USB 10-10-2007 0915 (RiN) 221/00
7798	E11	USB 24-10-2007 Wed 0915 (FN) 221/00
7798	E11b	USB 3-10-2007 Wed 0915 (FN) 225/30 attn 77777 77777 32574...
7798	E11b	USB 3-10-2007 Wed 0915 (FN) 225/30 attn 77777 77777 32574...
7799	M03	USB 9-10-2007 Tue 0915 (FN) 221/00 until 0917z, then corr. frequency to 7798 kHz
7799	M03	USB 9-10-2007 Tue 0915 (FN)

		221/00 until 0917z, then corr. frequency to 7798 kHz
7810	S06	AM 2-10-2007 Tue 1730 (HFD) 403-257/61=27546
7837	M03	CW 8-10-2007 Mon 1545 (FN) 148/30 == 72514 40222...
7837	M03	CW 8-10-2007 Mon 1545 (FN) 148/30 == 72514 40222...
7874	E07	AM 10-10-2007 Wed 2000 (HFD) only carrier
7874	E07	AM 15-10-2007 Mon 2000 (HFD) 892:0
7887	V02a	AM 1-10-2007 Mon 0019 (FAN) Latin music, then "Uno, uno, uno"
7931	M12	CW 1-10-2007 Mon 1820 (FN) 257 1 8613 123
7931	M12	CW 4-10-2007 Sun 1820 1 (FN) 257 1 2836 125
7931	M12	CW 4-10-2007 Sun 1920 1 (FN) 257 1 5179 63
7931	M12	CW 8-10-2007 Mon 1820 (FN) 257 1 5431 101
7931	M12	CW 8-10-2007 Mon 1820 (FN) 257 1 5431 101
7931	M12	CW 9-10-2007 Tue 2020 (FN) 257 1 6550 60
7931	M12	CW 10-10-2007 1720 (RiN) "257" 1 2465 123 14291 etc
7931	M12	CW 14-10-2007 Sun 1820 (FN) 257 1 2836 125
7931	M12	CW 14-10-2007 Sun 1920 (FN) 257 1 5179 63
7931	M12	CW 21-10-2007 Sun 1820 (FN) 257 1 3017 120
7931	M12	CW 21-10-2007 Sun 1920 (FN) 257 1 9060 53
7931	M12	CW 22-10-2007 Mon 1820 (FN) 257 1 1981 110
7931	M12	CW 24-10-2007 Wed 1720 (FN) 257 1 2983 101
7938	M51	CW 5-10-2007 1436 (S&D) in progress
7984	E11	USB 4-10-2007 Thu 1030 (FN) 214/00
7984	E11	USB 4-10-2007 Thu 1030 (FN) 214/00
7984	G11	USB 12-10-2007 1117 (KK2) "509 STRICH 7V", 5fg starting after "Achtung", Ends 1117 UTC



7984	S11	USB 18-10-2007 Thu 1030 (FN) 214/00
8076	M12	CW 4-10-2007 Sun 1910 1 (FN) 420 1 3153 171
8076	M12	CW 14-10-2007 Sun 1910 (FN) 420 1 3153 171
8076	M12	CW 21-10-2007 Sun 1910 (FN) 420 1 377 269
8076	M12	CW 24-10-2007 Wed 1910 (FN) 420 1 732 101
8097	M08a	CW 10-10-2007 1902 (N2UHC) 48022 46682 83005 callup. Audio distorted on carrier.
8097	SK01	RDFT 18-10-2007 1808 (Jon-FL) file 181100.txt
8097	SK01	RDFT 18-10-2007 1810 (Jon-FL) file 181100.txt
8097	SK01	RDFT 18-10-2007 1815 (Jon-FL) file 171115.txt
8102	M03	CW 19-10-2007 1527 (MPJ) 366/00
8105	S06	AM 10-10-2007 1240 (RiN) "967" 821 5 51159 25205 39752 42656 42048
8114	M42	CW 11-10-2007 1701 (MPJ) RPY: DOSC. Link 00104 "QSA4 QSA? K. QRQ 24 K. K". Exchanging 5LG tfc with 7629 kHz.
8116	M12	CW 1-10-2007 Mon 1940 (FN) 124 1 1313 71
8116	M12	CW 8-10-2007 Mon 1940 (FN) 124 1 9428 51
8116	M12	CW 8-10-2007 Mon 1940 (FN) 124 1 9428 51
8116	M12	CW 22-10-2007 Mon 1940 (FN) 124 1 984 56
8120	M51	CW 22-10-2007 1933 (MPJ) FAV22 "BT NR 74 0 22 21:27:41 1984 BT" (Not // 4441 & 4875)
8122	M12	CW 4-10-2007 Thu 1620 (FN) 374 1 7631 100
8122	M12	CW 4-10-2007 Thu 1620 (FN) 374 1 7631 100
8122	M12	CW 9-10-2007 Tue 1720 (FN) 374 1 4324 67
8122	M12	CW 9-10-2007 Tue 1720 (FN) 374 1 4324 67
8196	E11	USB 27-9-2007 0915 (MUK) 284/00
8196	E11	USB 30-9-2007 0915 (MUK) 284/00

8196	E11	USB 3-10-2007 Wed 0915 (FN) 284/00
8196	E11	USB 3-10-2007 0915 (MUK) 284/00
8196	E11	USB 3-10-2007 Wed 0915 (FN) 284/00
8270	S06	AM 10-10-2007 1910 (RiN) "371" 264 5 90952 45047 05674 82455 75576
8375	V22	USB 8-10-2007 1404 (Sferix) no message
8464	E03	USB 16-10-2007 Tue 0022 (PJ) Very weak, barely readable
8464	E03	USB 28-10-2007 2200 (AB) LP id 01125
8494.7	MX	CW 8-10-2007 1839 (AB) Cluster beacon "D"
8494.7	MX	CW 28-10-2007 1825 (AB) Cluster beacon "D"
8494.8	MX	CW 21-10-2007 1405 (AB) Cluster beacon "P"
8494.9	MX	CW 8-10-2007 1839 (AB) Cluster beacon "S"
8494.9	MX	CW 21-10-2007 0547 (ML4) Cluster beacon "S"
8495	MX	CW 8-10-2007 1839 (AB) Cluster beacon "C"
8544	E11	USB 2-10-2007 1230 (MUK) 312/00
8544	E11	USB 9-10-2007 Tue 1230 (FN) 312/00
8544	E11	USB 9-10-2007 Tue 1230 (FN) 312/00
8544	E11	USB 12-10-2007 Fri 1230 (FN) 312/00
8588	XSL	FSK 10-10-2007 1504 (N2UHC) Slot Machine
8621	V26	CW 7-10-2007 1545 (Sferix) V 4NA4 4NA4 4NA4 44 XSV XSV V 4NA4 4NA4 4NA4 44 XSV XSV + msgs
8650	S06	AM 4-10-2007 Thu 1230 (HFD) 314
8759	E11	USB 9-10-2007 Tue 1030 (FN) 312/00
8759	E11	USB 9-10-2007 Tue 1030 (FN) 312/00
8759	E11	USB 19-10-2007 Fri 1030 (FN) 312/00
8759	E11	USB 23-10-2007 Tue 1030 (FN)

		312/00
8816	M12	CW 4-10-2007 Thu 1940 (FN) 124 1 1732 61
9040	SK01	PSK220FEC 20-10-2007 0902 (Jon-FL) file 47721.txt
9040	SK01	PSK220FEC 20-10-2007 1001 (Jon-FL) file 76591.txt
9052	E11	USB 22-10-2007 1630 (MUK) 287/00
9052	E11a	USB 10-10-2007 1630 (RiN) 287/75 94064 48209 71633 etc
9052	M12	CW 1-10-2007 Mon 1340 (FN) 993 1 557 141
9052	M12	CW 1-10-2007 Mon 1340 (FN) 993 1 557 141
9052	M12	CW 3-10-2007 Wed 1440 (FN) 993 1 557 141 rpt of 1.0ct. 1300z
9052	M12	CW 3-10-2007 1440 (FN) 993 1 557 141 rpt of 1-10-2007 1300z
9052	M12	CW 10-10-2007 1440 (RiN) "993" 1 693 195 45539 etc
9052	M12	CW 24-10-2007 Wed 1500 (FN) 993 1 2835 371
9060	M03	CW 15-10-2007 Mon 0815 (FN) 553/72 29487
9060	M03	CW 19-10-2007 Fri 0815 (FN) 553/72 29487
9060	M03	CW 19-10-2007 Fri 0820 (HFD) ip
9060	M03	CW 22-10-2007 Mon 0815 (FN) 553/72 29487
9060	M03d	CW 5-10-2007 Fri 0815 (FN) 553/72 == 29487 93882...
9060	M03d	CW 5-10-2007 Fri 0815 (FN) 553/72 == 29487 93882...
9076	X06	AM 11-10-2007 1601 (RiN/AB) Mazielka. Sequence: 215346
9110	E06	AM 3-10-2007 Wed 1505 (HFD) 457:0
9135	E06	AM 2-10-2007 Tue 1300 (HFD) 156:0 2. freq not found, not //7780
9142	M12	CW 3-10-2007 Wed 1900 (FN) 159 1 204 135
9176	M12	CW 1-10-2007 Mon 1800 (FN) 257 1 8613 123
9176	M12	CW 4-10-2007 Sun 1800 1 (FN) 257 1 2836 125
9176	M12	CW 4-10-2007 Sun 1900 1 (FN)

		257 1 5179 63
9176	M12	CW 8-10-2007 Mon 1800 (FN)
		257 1 5431 101
9176	M12	CW 8-10-2007 Mon 1800 (FN)
		257 1 5431 101
9176	M12	CW 9-10-2007 Tue 2000 (FN)
		257 1 6550 60
9176	M12	CW 9-10-2007 Tue 2000 (FN)
		257 1 6550 60
9176	M12	CW 10-10-2007 1700 (RiN)
		"257" 1 2465 123 14291 etc
9176	M12	CW 14-10-2007 Sun 1800 (FN)
		257 1 2836 125
9176	M12	CW 14-10-2007 Sun 1900 (FN)
		257 1 5179 63
9176	M12	CW 21-10-2007 Sun 1800 (FN)
		257 1 3017 120
9176	M12	CW 21-10-2007 Sun 1900 (FN)
		257 1 9060 53
9176	M12	CW 22-10-2007 Mon 1800 (FN)
		257 1 1981 110
9176	M12	CW 24-10-2007 Wed 1700 (FN)
		257 1 2983 101
9220	S06	AM 2-10-2007 Tue 1630 (HFD)
		403-257/61=27546
9220	S06	AM 10-10-2007 1900 (RiN)
		"371" 264 5 90952 45047 05674 82455 75576
9240	V02a	AM 1-10-2007 Mon 1000 (RCh)
		A 99881 12053 06645
9240	V02a	AM 3-10-2007 Wed 1000 (RCh)
		A 03078 57124 54500
9240	V02a	AM 3-10-2007 Wed 1000 (Red)
		03078 57124 54500
9240	V02a	AM 4-10-2007 Thu 1000 (RCh)
		A 44961 23307 10482
9240	V02a	AM 10-10-2007 Wed 1000 (RCh)
		A 01731 81325 74713
9240	V02a	AM 17-10-2007 Wed 1000 (RCh)
		A 78803 85322 25537
9240	V02a	AM 18-10-2007 Thu 1000 (RCh)
		A 46811 31440 06751
9240	V02a	AM 29-10-2007 Mon 1000 (RCh)
		A 78042 20237 67724
9240	V02a	AM 31-10-2007 Wed 1000 (RCh)
		A 13422 41831 22783
9244	M12	CW 4-10-2007 Thu 1640 (FN)
		374 1 7631 100
9244	M12	CW 4-10-2007 Thu 1640 (FN)

		374 1 7631 100
9244	M12	CW 9-10-2007 Tue 1740 (FN)
		374 1 4324 67
9244	M12	CW 9-10-2007 Tue 1740 (FN)
		374 1 4324 67
9251	E03	USB 27-10-2007 2100 (AB)
		LP id 91978
9251	E03	USB 28-10-2007 1821 (AB)
		LP in progress
9251	E03	USB 28-10-2007 1900 (AB)
		LP. Very weak
9251	E03	USB 28-10-2007 2100 (AB)
		LP id 21913
9264	M12	CW 1-10-2007 Mon 1920 (FN)
		124 1 1313 71
9264	M12	CW 4-10-2007 Thu 1920 (FN)
		124 1 1732 61
9264	M12	CW 8-10-2007 Mon 1920 (FN)
		124 1 9428 51
9264	M12	CW 8-10-2007 Mon 1920 (FN)
		124 1 9428 51
9264	M12	CW 22-10-2007 Mon 1920 (FN)
		124 1 984 56
9276	M12	CW 4-10-2007 Sun 1850 1 (FN)
		420 1 3153 171
9276	M12	CW 14-10-2007 Sun 1850 (FN)
		420 1 3153 171
9276	M12	CW 21-10-2007 Sun 1850 (FN)
		420 1 377 269
9276	M12	CW 24-10-2007 Wed 1850 (FN)
		420 1 732 101
9339	E11	USB 7-10-2007 0915 (MUK)
		287/75
9339	E11	USB 15-10-2007 Mon 0915 (FN)
		287/75 94064
9339	E11	USB 18-10-2007 Thu 0915 (FN)
		284/00
9339	E11	USB 22-10-2007 Mon 0915 (FN)
		284/00
9339	E11	USB 24-10-2007 Wed 0915 (FN)
		284/00
9339	E11a	USB 9-10-2007 Tue 0915 (FN)
		287/75 attn 94064 48209...
9339	E11a	USB 9-10-2007 Tue 0915 (FN)
		287/75 94064 48209..
9339	E11a	USB 9-10-2007 Tue 0915 (FN)
		287/75 94064 48209..
9339	E11a	USB 9-10-2007 Tue 0915 (FN)

		287/75 attn 94064 48209...
9339	E11a	USB 10-10-2007 0915 (RiN)
		287/75 94064 48209 71633 etc
9356	XPA	AM 12-10-2007 Fri 0600 (HFD)
		msg
9389	M12	CW 14-10-2007 Sun 1940 (FN)
		368 000
9389	M12	CW 24-10-2007 Wed 1940 (FN)
		368 1 356 229
9423	E07	AM 3-10-2007 Wed 1720 (HFD)
		441:0, BC QRM
9423	E07	AM 7-10-2007 Sun 1720 (HFD)
		only carrier
9423	E07	AM 10-10-2007 Wed 1720 (HFD)
		441:0
9450	X06	AM 2-10-2007 0805 (MG)
		Mazielka. Sequence: 165423
9480	S06	AM 24-10-2007 0840 (MUK)
		328 594 6 56455 54639 12944 286
9576	E11	USB 5-10-2007 Fri 0845 (FN)
		232/00
9576	E11	USB 5-10-2007 Fri 0845 (FN)
		232/00
9576	E11	USB 12-10-2007 Fri 0845 (FN)
		239/34 77777 77777
9576	E11	USB 19-10-2007 Fri 0845 (FN)
		232/00
9610	E11	USB 3-10-2007 1100 (MUK)
		184/72
9610	E11b	USB 10-10-2007 1100 (RiN)
		184/72 11111 32982 34839 etc, ended 11111 OUT
10127	X06	AM 22-10-2007 0804 (MUK)
		Mazielka. Sequence: 421635
10220	E06	AM 10-10-2007 1500 (RiN)
		"164" 709 35 01950 24407 etc
10343	M12	CW 1-10-2007 Mon 1900 (FN)
		124 1 1313 71
10343	M12	CW 4-10-2007 Thu 1900 (FN)
		124 1 1732 61
10343	M12	CW 8-10-2007 Mon 1900 (FN)
		124 1 9428 51
10343	M12	CW 8-10-2007 Mon 1900 (FN)
		124 1 9428 51
10343	M12	CW 22-10-2007 Mon 1900 (FN)
		124 1 984 56
10406	M12	CW 1-10-2007 Mon 1320 (FN)
		993 1 557 141
10406	M12	CW 3-10-2007 Wed 1420 (FN)

		993 1 557 141 rpt of 1.Oct. 1300z
10406	M12	CW 3-10-2007 1420 (FN)
		993 1 557 141 rpt of 1-10-2007 1300z
10406	M12	CW 10-10-2007 1420 (RiN)
		"993" 1 693 195 45539 etc
10406	M12	CW 24-10-2007 Wed 1430 (FN)
		993 1 2835 371
10426	E03	USB 27-10-2007 2039 (AB)
		LP in progress
10426	E03	USB 28-10-2007 2044 (AB)
		LP in progress
10429	E11	USB 3-10-2007 Wed 1600 (HFD)
		885/00
10429	E11	USB 22-10-2007 1600 (MUK)
		886/71
10429	E11b	USB 8-10-2007 Mon 1600 (FN)
		880/36 attn 77777 77777 29007...
10429	E11b	USB 8-10-2007 Mon 1600 (FN)
		880/36 attn 77777 77777 29007...
10443	M42	BAUDOT 200.32Bd/500Hz 20-10-2007 1250 (LDO)
		Russian intel. Auto broadcasting null msg
10476	M12	CW 4-10-2007 Sun 1830 1 (FN)
		420 1 3153 171
10476	M12	CW 14-10-2007 Sun 1830 (FN)
		420 1 3153 171
10476	M12	CW 21-10-2007 Sun 1830 (FN)
		420 1 377 269
10476	M12	CW 24-10-2007 Wed 1830 (FN)
		420 1 732 101
10653	X06	AM 12-10-2007 0752 (JS3)
		Mazielka. Sequence: 356412
10871.7	MX	CW 10-10-2007 1223 (AB)
		Cluster beacon "D"
10871.8	MX	CW 21-10-2007 1405 (AB)
		Cluster beacon "P"
10871.8	MX	CW 29-10-2007 1633 (MPJ)
		P: Beacon Kaliningrad
10871.9	MX	CW 7-10-2007 0546 (AB)
		Cluster beacon "S"
10871.9	MX	CW 10-10-2007 1223 (AB)
		Cluster beacon "S"
10871.9	MX	CW 29-10-2007 1633 (MPJ)
		S: Severomorsk
10872	MX	CW 7-10-2007 0546 (AB)
		Cluster beacon "C"
10872	MX	CW 29-10-2007 1633 (MPJ)
		C: Moscow 10892.0 (29Oct07) (MPJ)
10914	XPA2	AM 10-10-2007 1520 (RiN)

		08144 00161 85908 etc, last group 30301
10956	XPA	AM 12-10-2007 Fri 0620 (HFD)
		msg
11084.5	M42	CROWD36 26-10-2007 1930 (BCI)
		Dep. of State Comms
11102	M51	CW 9-10-2007 1207 (TJ)
		in progress
11107	M03	CW 3-10-2007 1237 (MPJ)
		978/121 = = 21679 00044 83246 ... 36520 51535 = = 000
11107	M03	CW 10-10-2007 1200 (RiN)
		978/121 21679 00044 73246 etc
11107	M03	CW 12-10-2007 Fri 1200 (FN)
		978/121 21679
11107	M03	CW 15-10-2007 1242 (MPJ)
		Long 5FG message ending 36520 51535 = = 0 0 0
11120.5	M42	CROWD36 22-10-2007 1619 (BCI)
		Dep. of State Comms, Moscow. Traffic "11177 ..." etc.
11140	S06	AM 2-10-2007 Tue 1500 (HFD)
		493:0
11150	E06	AM 3-10-2007 Wed 1405 (HFD)
		457:0
11411	X06	AM 13-10-2007 1700 (QT)
		Mazielka. Sequence: 164532
11454	E07	AM 3-10-2007 Wed 1700 (HFD)
		441:0
11454	E07	AM 7-10-2007 Sun 1700 (HFD)
		441:0, carrier, 17:03 modulation
11454	E07	AM 10-10-2007 Wed 1700 (HFD)
		441:0
11480	M24	CW 18-10-2007 Thu 0800 (HFD)
		742:0
11486	E11	USB 30-10-2007 0715 (MUK)
		382/00
11486	E11a	USB 2-10-2007 Tue 0715 (FN)
		389/82 attn 11111 65054...
11486	E11a	USB 2-10-2007 Tue 0715 (FN)
		389/82 attn 11111 65054...
11486	E11a	USB 4-10-2007 Thu 0715 (FN)
		389/82 attn 11111 65054...
11486	E11a	USB 4-10-2007 Thu 0715 (FN)
		389/82 attn 11111 65054...
11491	M12	CW 1-10-2007 Mon 1740 (FN)
		725 1 4671 80
11491	M12	CW 2-10-2007 Tue 1640 (FN)
		725 1 7147 72
11491	M12	CW 2-10-2007 Tue 1640 (FN)
		725 1 7147 72
11491	M12	CW 8-10-2007 Mon 1740 (FN)



		725 1 3678 50
11491	M12	CW 8-10-2007 Mon 1740 (FN)
		725 1 3678 50
11491	M12	CW 9-10-2007 Tue 1640 (FN)
		725 1 1252 80
11491	M12	CW 9-10-2007 Tue 1640 (FN)
		725 1 1252 80
11491	M12	CW 22-10-2007 Mon 1740 (FN)
		725 1 1735 61
11545	E03	USB 27-10-2007 1626 (AB)
		LP in progress
11545	E03	USB 27-10-2007 1700 (AB)
		LP id 48188
11545	E03	USB 27-10-2007 1800 (AB)
		LP id 21913
11545	E03	USB 27-10-2007 2039 (AB)
		LP in progress
11545	E03	USB 27-10-2007 2100 (AB)
		LP id 91978
11545	E03	USB 28-10-2007 1900 (AB)
		LP. Very weak
11593	XPA2	AM 10-10-2007 1420 (RiN)
		08144 00161 85908 etc, last group 30301
11830	S06	AM 10-10-2007 0740 (RiN)
		"745" 230 6 45224 09248 74341 46122 12563 43541
12094	M12	CW 1-10-2007 Mon 1300 (FN)
		993 1 557 141
12094	M12	CW 3-10-2007 Wed 1400 (FN)
		993 1 557 141 rpt of 1.0ct. 1300z
12094	M12	CW 3-10-2007 1400 (FN)
		993 1 557 141 rpt of 1-10-2007 1300z
12094	M12	CW 10-10-2007 1400 (RiN)
		"993" 1 693 195 45539 etc
12094	M12	CW 24-10-2007 Wed 1400 (FN)
		993 1 2835 371
12140	S06	AM 26-10-2007 Fri 0930 (HFD)
		516
12153	E11	USB 22-10-2007 Mon 0845 (FN)
		252/00
12153	E11b	USB 10-10-2007 0845 (RiN)
		255/90 11111 39498 37527 etc, ended 11111 OUT
12156	XPA	AM 12-10-2007 Fri 0640 (HFD)
		msg
12177	M42	CROWD36 18-10-2007 1010 (BCI)
		Dep. of State Comms.
12177	X06	AM 18-10-2007 1005 (JS3)
		Mazielka. Sequence: 356412
12184	M12	CW 10-10-2007 1240 (RiN)

		"991" 1 845 99 88537 etc
12184	M12	CW 24-10-2007 Wed 1240 (FN) 991 1 562 127
12186	XPA2	AM 10-10-2007 0800 (RiN) 01949 00104 73750 etc, last group 74550
12189	M12	CW 1-10-2007 Mon 1720 (FN) 725 1 4671 80
12189	M12	CW 2-10-2007 Tue 1620 (FN) 725 1 7147 72
12189	M12	CW 2-10-2007 Tue 1620 (FN) 725 1 7147 72
12189	M12	CW 8-10-2007 Mon 1720 (FN) 725 1 3678 50
12189	M12	CW 8-10-2007 Mon 1720 (FN) 725 1 3678 50
12189	M12	CW 9-10-2007 Tue 1620 (FN) 725 1 1252 80
12189	M12	CW 9-10-2007 Tue 1620 (FN) 725 1 1252 80
12189	M12	CW 22-10-2007 Mon 1720 (FN) 725 1 1735 61
12190	E06	AM 10-10-2007 1400 (RiN) "164" 709 35 01950 24407 etc
12190	E06	AM 10-10-2007 1400 (RiN) "164" 709 35 01950 24407 etc
12193	M12	CW 4-10-2007 Thu 1540 (FN) 851 1 426 37
12193	M12	CW 4-10-2007 Thu 1540 (FN) 851 1 426 37
12193	M12	CW 19-10-2007 Fri 1540 (FN) 851 1 9803 97
12200	S06a	AM 4-10-2007 Thu 0830 (FN) 623 485 2 11111 59217 485 2 623 971 46 5FG...
12200	S06a	AM 4-10-2007 Thu 0830 (FN) 623 485 2 11111 59217 485 2 623 971 46 5FG...
12207	X06	AM 10-10-2007 1437 (AB) Mazielka. Sequence: 215346
12214	XPA2	AM 10-10-2007 1510 (RiN) 08144 00161 85908 etc, last group 30301
12224	X06	AM 10-10-2007 0804 (RiN) Mazielka. Sequence: 463125
12224	X06	AM 11-10-2007 1619 (RiN) Mazielka. Sequence: 463125
12397	E11	USB 7-10-2007 0840 (MUK) 197/75
12397	E11	USB 19-10-2007 Fri 0840 (FN) 197/75 40231
12397	E11	USB 22-10-2007 Mon 0840 (FN)

		197/75 40231
12397	E11	USB 30-10-2007 0840 (MUK) 197/75
12397	E11a	USB 2-10-2007 Tue 0840 (FN) 197/75 attn 40231 10218...
12397	E11a	USB 2-10-2007 Tue 0840 (FN) 197/75 attn 40231 10218...
12397	E11a	USB 3-10-2007 Wed 0840 (FN) 197/75 attn 40231 10218...
12397	E11a	USB 3-10-2007 Wed 0840 (FN) 197/75 attn 40231 10218...
12397	E11a	USB 4-10-2007 Thu 0840 (FN) 197/75 attn 40231 10218...
12397	E11a	USB 4-10-2007 Thu 0840 (FN) 197/75 attn 40231 10218...
12397	E11a	USB 5-10-2007 Fri 0840 (FN) 197/75 attn 40231 10218...
12397	E11a	USB 5-10-2007 Fri 0840 (FN) 197/75 attn 40231 10218...
12397	E11a	USB 9-10-2007 Tue 0840 (FN) 197/75 attn 40231 10218...
12397	E11a	USB 9-10-2007 Tue 0840 (FN) 197/75 attn 40231 10218...
12397	E11a	USB 10-10-2007 0840 (RiN) 197/75 40231 10218 70650 etc
12573	E11	USB 22-10-2007 Mon 0630 (FN) 886/71 33333
12603	E03	USB 27-10-2007 1626 (AB) LP in progress
12603	E03	USB 28-10-2007 1821 (AB) LP in progress
13029	V26	USB 7-10-2007 0611 (Sferix) in progress
13029	V26	USB 13-10-2007 0932 (Sferix) NR1211 103 35 1013 0932
13375	E03	USB 27-10-2007 1626 (AB) LP in progress
13386	M12	CW 1-10-2007 Mon 1700 (FN) 725 1 4671 80
13386	M12	CW 2-10-2007 Tue 1600 (FN) 725 1 7147 72
13386	M12	CW 2-10-2007 Tue 1600 (FN) 725 1 7147 72
13386	M12	CW 8-10-2007 Mon 1700 (FN) 725 1 3678 50
13386	M12	CW 8-10-2007 Mon 1700 (FN) 725 1 3678 50
13386	M12	CW 9-10-2007 Tue 1600 (FN)

		725 1 1252 80
13386	M12	CW 9-10-2007 Tue 1600 (FN)
		725 1 1252 80
13386	M12	CW 22-10-2007 Mon 1700 (FN)
		725 1 1735 61
13386	XPA2	AM 10-10-2007 0810 (RiN)
		01949 00104 73750 etc, last group 74550
13393	XPA2	AM 10-10-2007 1410 (RiN)
		08144 00161 85908 etc, last group 30301
13401	X06	AM 16-10-2007 0840 (JS3)
		Mazielka. Sequence: 154263
13419	X06	AM 24-10-2007 0800 (PUK)
		Mazielka. Sequence: 465132
13420	S06	AM 10-10-2007 0700 (RiN)
		"729" 801 5 68734 23221 44376 98953 08953
13420	S06	AM 17-10-2007 0705 (MUK)
		in progress. Ended 801 5 00000
13424	E11b	USB 8-10-2007 Mon 1800 (FN)
		880/36 attn 77777 77777 29007...
13424	E11b	USB 8-10-2007 Mon 1800 (FN)
		880/36 attn 77777 77777 29007...
13437	XPA2	AM 10-10-2007 0900 (RiN)
		01949 00104 73750 etc, last group 74550
13437	XPA2	AM 10-10-2007 1000 (RiN)
		01949 00104 73750 etc, last group 74550
13506	X06	AM 10-10-2007 2102 (PUK)
		Mazielka. Sequence: 215346
13517	X06	AM 23-10-2007 1512 (AB)
		Mazielka. Sequence: 463125
13527.7	MX	CW 7-10-2007 0546 (AB)
		Cluster beacon "D"
13527.7	MX	CW 10-10-2007 1223 (AB)
		Cluster beacon "D"
13527.8	MX	CW 22-10-2007 0735 (AB)
		Cluster beacon "P"
13528	MX	CW 7-10-2007 0546 (AB)
		Cluster beacon "C"
13528	MX	CW 10-10-2007 1223 (AB)
		Cluster beacon "C"
13528	MX	CW 29-10-2007 0918 (IE)
		"C" cluster beacon
13550	S06	CW 2-10-2007 Tue 1400 (HFD)
		493:0
13573	E11	USB 24-10-2007 Wed 0630 (FN)
		886/71 33333
13593	M12	CW 4-10-2007 Thu 1520 (FN)
		851 1 426 37
13593	M12	CW 4-10-2007 Thu 1520 (FN)

		851 1 426 37
13593	M12	CW 19-10-2007 Fri 1520 (FN)
		851 1 9803 97
13857.5	M42	CROWD36 5-10-2007 0809 (BCI)
		Dep. of State Comms.
13893	XPA2	AM 10-10-2007 1400 (RiN)
		08144 00161 85908 etc, last group 30301
13937	XPA2	AM 10-10-2007 0910 (RiN)
		01949 00104 73750 etc, last group 74550
13937	XPA2	AM 10-10-2007 1010 (RiN)
		01949 00104 73750 etc, last group 74550
13984	M12	CW 10-10-2007 1220 (RiN)
		"991" 1 845 99 88537 etc
13984	M12	CW 24-10-2007 Wed 1220 (FN)
		991 1 562 127
14000	E10	AM 19-9-2007 1049 (IARUMS)
		ABC
14386	XPA2	AM 10-10-2007 0820 (RiN)
		01949 00104 73750 etc, last group 74550
14453.5	M42	CROWD36 25-10-2007 0822 (BCI)
		Dep. of State Comms.
14521	V07	AM 11-10-2007 Thu 0600 (HFD)
		584:0
14521	V07	AM 23-10-2007 Tue 0600 (HFD)
		584:0
14650	X06	AM 10-10-2007 1420 (RiN)
		Mazielka. Sequence: 215346
14737	XPA2	AM 10-10-2007 0920 (RiN)
		01949 00104 73750 etc, last group 74550
14737	XPA2	AM 10-10-2007 1020 (RiN)
		01949 00104 73750 etc, last group 74550
14845	X06	AM 17-10-2007 0807 (RiN/JS3)
		Mazielka. Sequence: 641523
14871	X06	AM 11-10-2007 1608 (RiN)
		Mazielka. Sequence: 156234
14893	M12	CW 4-10-2007 Thu 1500 (FN)
		851 1 426 37
14893	M12	CW 4-10-2007 Thu 1500 (FN)
		851 1 426 37
14909	M42	32-tone MFSK + 25-tone OFDM 21-10-2007 1130 (LD0)
		Dep. of State Comms, Moscow. Traffic to unlocated Russian embassy on link 00189. Offline crypto lacking 5LG spacing
14984	M12	CW 24-10-2007 Wed 1200 (FN)
		991 1 562 127
149845	M12	CW 10-10-2007 1200 (RiN)
		"991" 1 845 99 88537 etc
15020	E22	USB 18-10-2007 1300 (MUK)
		SG2 (Sierra Golf 2)

15020	E22	USB 18-10-2007 1400 (MUK) HR8 (Hotel Romeo 8)
15380	S06	AM 10-10-2007 0710 (RiN) "729" 801 5 68734 23221 44376 98953 08953
15582	S06	AM 8-10-2007 1113 (TI) ends "00000"
15821	V07	AM 23-10-2007 Tue 0620 (HFD) 584:0
15828	X06	AM 11-10-2007 1606 (RiN) Mazielka. Sequence: 256134
15828	X06	AM 22-10-2007 1350 (RiN) Mazielka. Sequence: 256134
15893	M12	CW 19-10-2007 Fri 1500 (FN) 851 1 9803 97
16005	E11	USB 3-10-2007 1130 (MUK) 883/00
16005	E11b	USB 10-10-2007 1130 (RiN) 880/36 77777 77777 29007 97531 etc
16320	X06	AM 19-10-2007 0745 (JS3) Mazielka. Sequence: 241563
16331.7	MX	CW 7-10-2007 0546 (AB) Cluster beacon "D"
16331.8	MX	CW 31-10-2007 1058 (IE) "P" cluster beacon
16331.9	MX	CW 7-10-2007 0546 (AB) Cluster beacon "S"
16331.9	MX	CW 31-10-2007 1058 (IE) "S" cluster beacon
16666	V26	USB 7-10-2007 0611 (Sferix) in progress
16666	V26	USB 13-10-2007 0932 (Sferix) NR1211 103 35 1013 0932
17387	E22	USB 14-10-2007 0830 (MUK) LT4 (Lima Tango 4)
17387	E22	USB 14-10-2007 1030 (MUK) SG2 (Sierra Golf 2)
17387	E22	USB 14-10-2007 1230 (MUK) HR8 (Hotel Romeo 8)
17387	E22	USB 18-10-2007 0900 (JR) MH8 (Mike Hotel 8)
17387	E22	USB 18-10-2007 1000 (JR) WJ5 (Whiskey Juliet 5)
17387	E22	USB 18-10-2007 1100 (MUK) LT4 (Lima Tango 4)
17387	E22	USB 18-10-2007 1200 (MUK) NW3 (November Whisky 3)
17387	E22	USB 18-10-2007 1300 (MUK) SG2 (Sierra Golf 2)

17387	E22	USB 18-10-2007 1400 (MUK) HR8 (Hotel Romeo 8)
17436	SK01	PSK31 3-10-2007 Wed 1600 (Red) bursts every 15 minutes
17436	SK01	PSK31 4-10-2007 Thu 1600 (Red) bursts every 15 minutes
17463	X06	AM 22-10-2007 1405 (AB) Mazielka. Sequence: 256134
17463	X06	AM 22-10-2007 1405 (RiN) Mazielka. Sequence: 256134
17478	SK01	PSK31 2-10-2007 1600 (N2UHC) numbers
17478	SK01	PSK31 3-10-2007 Wed 1700 (Red) bursts every 15 minutes
17478	SK01	PSK31 4-10-2007 Thu 1700 (Red) bursts every 15 minutes
17480	V02a	USB 28-10-2007 1601 (AB) weak but readable
17511	X06	AM 17-10-2007 0745 (RiN/JS3) Mazielka. Sequence: 641523
18210.5	M42	CROWD36 9-10-2007 0837 (BCI) Dep. of State Comms.
18238.5	M42	CROWD36 24-10-2007 1017 (BCI) Dep. of State Comms.
18300	S06	AM 3-10-2007 Wed 0700 (HFD) 729 weak, 15380 at 0710 not heard
18864	E03a	USB 8-10-2007 1102 (TI) id 18557 //23461
18864	E03a	USB 8-10-2007 1102 (AVX) Cherry Ripe. Id 18557
18864	E03a	USB 8-10-2007 1202 (AVX) Cherry Ripe. Id 25718
18864	E03a	USB 8-10-2007 1302 (TI) //21866
18864	E03a	USB 18-10-2007 1200 (MUK) Cherry Ripe 10990
19611	X06	AM 22-10-2007 1008 (JS3) Mazielka. Sequence: 256134
19611	X06	AM 22-10-2007 1355 (RiN/AB) Mazielka. Sequence: 256134
19611	X06	AM 22-10-2007 1355 (AB) Mazielka. Sequence: 256134
20047.9	MX	CW 22-10-2007 0825 (AB) Cluster beacon "S"
20048	MX	CW 22-10-2007 0825 (AB) Cluster beacon "C"
20474	E03a	USB 8-10-2007 1041 (TI) //23461

21866	E03a	USB 8-10-2007 1302 (TI)
		//18864
23461	E03a	USB 8-10-2007 1041 (TI)
		//20474
23461	E03a	USB 8-10-2007 1102 (TI)
		id 18577 //18864

---

\* CONTRIBUTORS \*

AB	Ary Boender, Netherlands
ALF	Alf, Germany
AVX	AlphaVax, Germany
BCI	Bruno Casula, Italy
FAN	Al Fansome, PA, USA
FMB	FMB, Germany
FN	Fritz Nusser, Switzerland
HFD	Hans-Friedrich Dumrese, Germany
IARUMS	IARU Monitoring Service
IE	Iron Eagle, Europe
Jon-FL	Jon, FL, USA
JR	Jerry Rhys, West Africa
JS3	Jochen Schaefer, Germany (via Enigma 2000)
KK2	Kristian K, Central Europe
LDO	Leif Dehio, Germany
MPJ	Jim, W. Europe
MrDXer	via Rommele, Sweden
MUK	Mikesndbs, UK
N2UHC	N2UHC, USA
PJ	PJ, England
PUK	Peter, UK (via Enigma 2000)
QT	Quirino Tirelli, Italy
RCh	Robert Church, NY, USA
Red	RedOctober, PA, USA
RiN	Richard Ness, UK
S&D	Search and Demolish, UK
Sferix	Sferix, Taiwan
SW2	Sam Wright, UK
TI	Tomonori Izumi, Japan
WP3	Wolfgang Palmberger

---

Portions of this newsletter may be used in electronic or printed hobby bulletins without prior approval so long as "Numbers & Oddities" is credited as the source.



This newsletter may NOT be utilized, partly or wholly, in any other COMMERCIAL media format without the written permission of the Editor. Any breach of this may result in action under international copyright legislation.

Relevant mailing lists:

- Utility DXers Forum (utility and spooks related logs).  
Go to <http://groups.yahoo.com/group/udxf/> and follow the instructions.  
Website: <http://www.udxf.nl>
- Spooks (spooks related info and logs)  
Go to the web interface to subscribe, fill in the form and follow the instructions that will be mailed to you.  
<http://mailman.qth.net/mailman/listinfo/spooks>

-0-0-0-0-KONEC-0-0-0-0-